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	number	homes node
master headend	1	200,000
metro headend	x 5	40,000
hub	x 5	3,000
fiber node	x 20	400
coax	x 4	100
home	x 100	1
	200,000	

FIG. 1

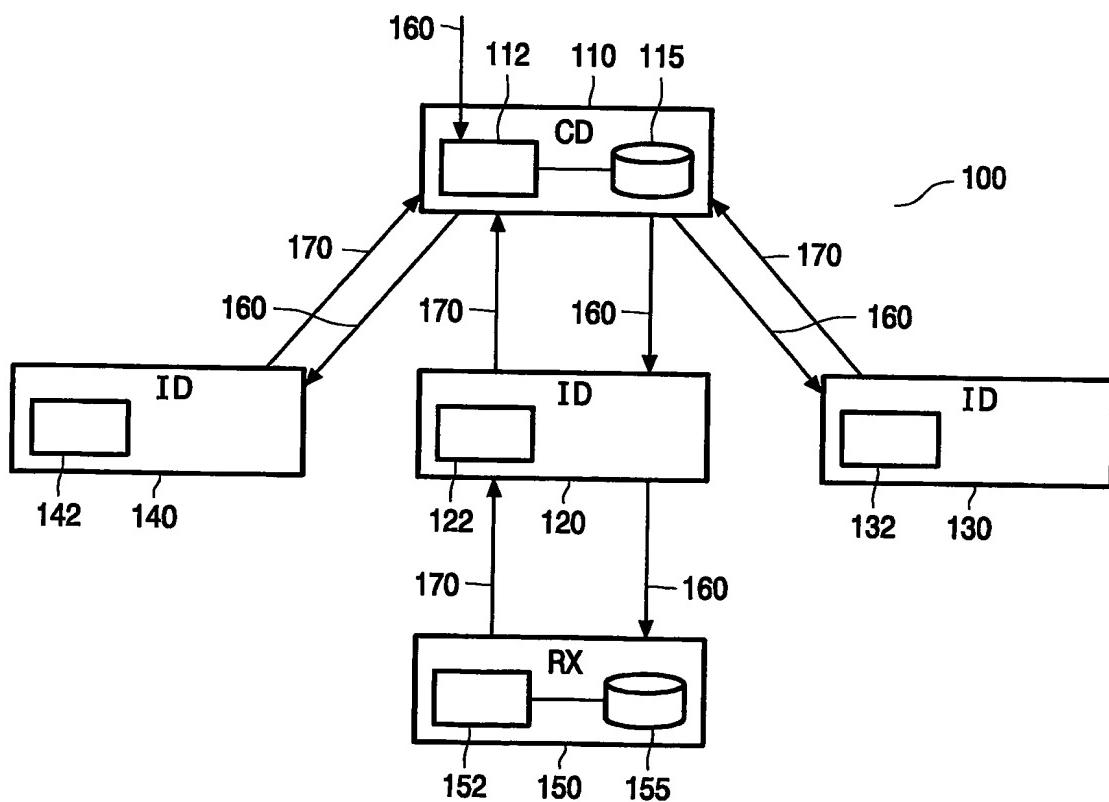


FIG. 2

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channel	blocks	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3
3	3	6	4	5	4	6	4	5	4	6	4	5	4	6	4	5	4	6	4
4	5	1	8	1	7	1	8	9	7	0	8	1	7	9	8	0	7	1	8

FIG. 3A

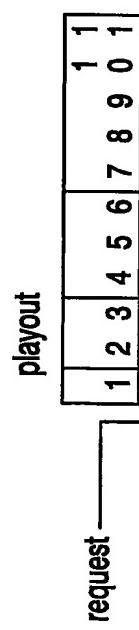


FIG. 3B

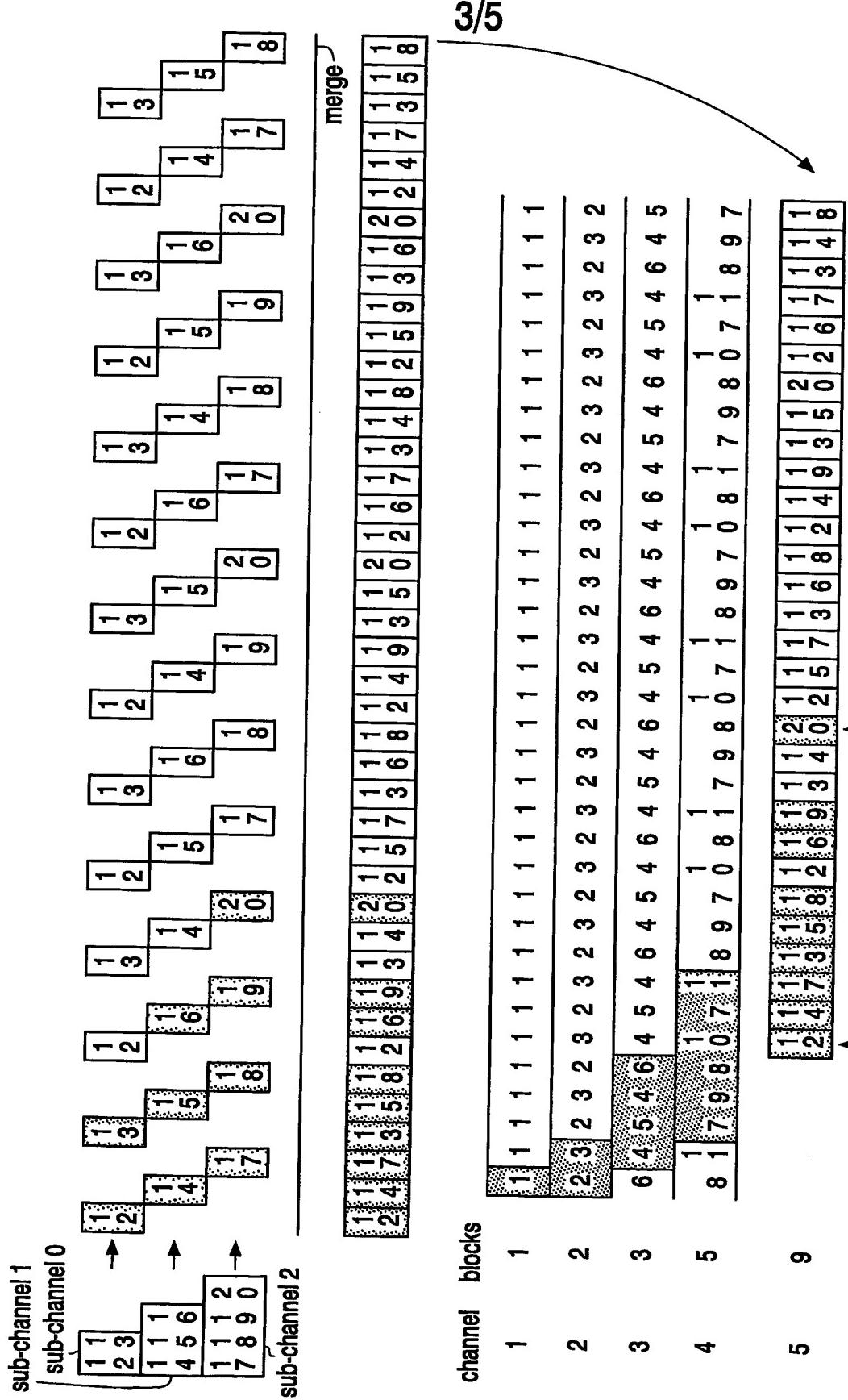


FIG 4

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channel	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2
3-0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
3-1	6	5	6	5	6	5	6	5	6	5	6	5	6	5	6	5	6	5	6
4-0	8	7	8	7	8	7	8	7	8	7	8	7	8	7	8	7	8	7	8
4-1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5-0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5-1	5	6	4	5	6	4	5	6	4	5	6	4	5	6	4	5	6	4	5
5-2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

FIG. 5

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FIG. 6